

Basic water chemistry:

- EPA collected surface water samples on 7 August 2015 and 8 August 2015.
- Basic water chemistry parameters were recorded including the surface water pH.
- The pH levels that were recorded at two location on 7 August 2015 prior to the pulse and at nine locations on 8 August 2015.
- The surface water pH on 7 August 2015 was 5.85 and 7.97.
- The surface water pH on 8 August 2015 ranged from 7.48 to 8.01.
- The State of New Mexico state has specified a pH range of 6.6 to 9.0 for the Animas River and San Juan River as part of their state water quality standards.
- One sample location on 7 August 2015 recorded prior to the pulse had pH below the pH range specified by the State of New Mexico.
- All the sample locations on 8 August 2015 had pH levels within the pH range specified by the State of New Mexico.